



Build Your Own Mobile Handwash Station

Description

These days keeping clean is everything. When you work out in the field, it can be hard to find a place to wash your hands, and rental companies can't keep up with the demand for hand-wash stations. This portable hand-washing station features a single bar sink and faucet, fresh-water and grey water containers, and an on-demand pump powered by rechargeable batteries.

This station was built by folks at the Historic Preservation Training Center to meet our needs to get back in the field, but keep our workers safe.



Final Setup

If you're looking to build one of these units yourself, here's how it all fits together.



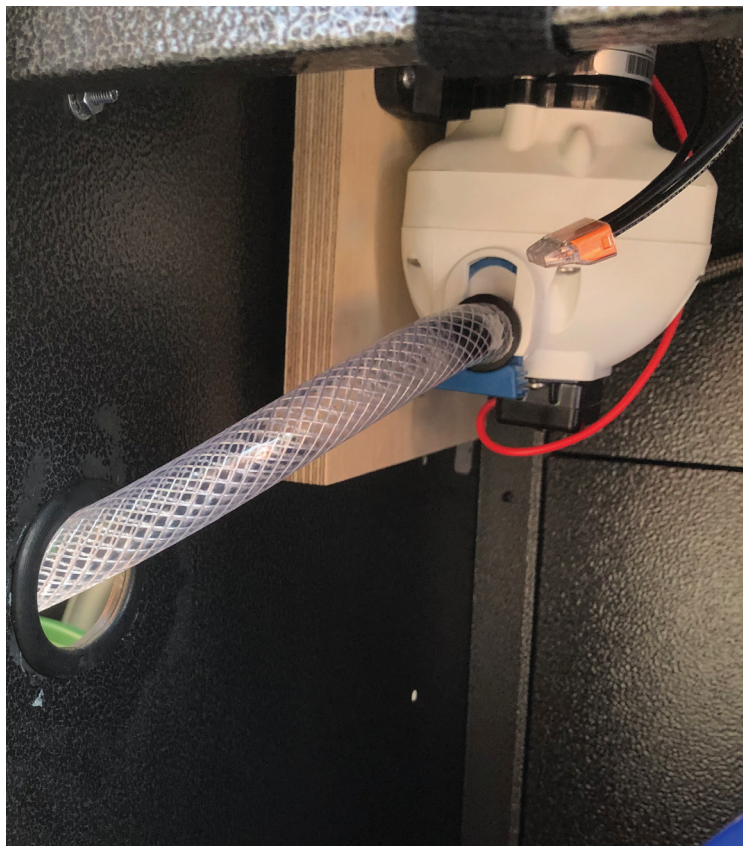
The top of the cabinet features instructions for how to wash your hands, a touchless faucet, a touchless soap dispenser, and a bar sink.



A paper towel dispenser has been mounted to the side of the cart.



Fresh water is supplied to the sink via a garden hose, fresh-water tank, and battery-operated pump.



Directions for use, transporting, and set-up are attached on the back of the mobile cart.



On/off switch connections mounted on backside of recessed plate. Battery-operated soap dispenser and soap reservoir. 12v, 12ah SLA AGM rechargeable battery strapped to shelf with hook & loop fastener. Sink bowl drains into the 7-gal gray-water container. Note the shelf is only about 6" deep to allow storage in front of the drain.



Washer for female garden hose thread (GHT)
with screen attached to Inlet hose.

See the next page for a full supply list.